

### ABSTRACT

One or more sets of routing information are maintained. A network topology change indication of a progressive series of network changes is received, with at least one  
5 more associated network topology change indication of the progressive series of network changes expected to be received in the future. An updated set of routing information is computed based on the network topology change indication, and a determination is made as to whether or not the updated set of routing information changes nexthop information for one or more routes. In response to determining that the new set of routing information  
10 does not change nexthop information for said one or more routes and given the expectation of at least one more associated network topology change indication of the progressive series of network changes is expected to be received in the future, the routing information is not updated based on the updated set of routing information.

15